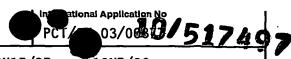
INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUB-IPC 7 C12Q1/68

MATT G01 No 3/50

A01K67/027 C12N15/85

C12N5/06

Rec'd PCT/PTO 10 DEC 2004

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C12Q G01N C12N A01K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, MEDLINE, BIOSIS

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,Y	CHO JY ET AL.: "Co12-GFP reporter mouse-A new tool to study skeletal development" AMERICAN JOURNAL OF MEDICAL GENETICS, vol. 106, no. 4, 2001, pages 251-53, XP008021264 the whole document	1-36
Х, Y	GRANT TD ET AL.: "Col2-GFP reporter marks chondrocyte lineage and chondrogenesis during mouse skeletal development" DEVELOPMENTAL DYNAMICS, vol. 218, no. 2, June 2000 (2000-06), pages 394-400, XP008021261 cited in the application the whole document	1-36

	·- 		
Further documents are listed in the continuation of box C.	Patent family members are listed in annex.		
Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance E earlier document but published on or after the International filing date L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O' document referring to an oral disclosure, use, exhibition or other means P document published prior to the international filing date but later than the priority date claimed Date of the extreme completion of the international seconds.	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family 		
3 September 2003	Date of mailing of the International search report 17/09/2003		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Authorized officer Osborne, H		

INTERNATIONAL SEARCH REPORT

Inter	onal .	Application	n No
PCT		03/003	77

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Polyment to along the
	passages	Relevant to claim No.
Υ	HANADA K ET AL.: "BMP-2 induction and TGF-beta1 modulation of rat periosteal cell chondrogenesis" JOURNAL OF CELLULAR BIOCHEMISTRY, vol. 81, no. 4, 2001, pages 284-94, XP008021250 page 285, paragraph 3 page 290 -page 293	1-36
Y	JAKOB M ET AL: "Specific growth factors during the expansion and redifferentiation of adult human articular chondrocytes enhance chondrogenesis and cartilaginous tissue formation in vitro" JOURNAL OF CELLULAR BIOCHEMISTRY, WILEY-LISS INC, US, vol. 81, no. 2, 2001, pages 368-377, XP002173884 ISSN: 0730-2312 the whole document	1-36
Y	TAKAHASHI I ET AL.: "Compressive force promotes Sox9, type II collagen and aggrecan and inhibits IL-1Beta expression resulting in chondriogenesis in mouse embryonic limb bud mesenchymal cells" JOURNAL OF CELL SCIENCE, vol. 111, 1998, pages 2067-76, XP002253311 the whole document	1-36
A	US 2002/061514 A1 (UNDERHILL TULLY MICHAEL ET AL) 23 May 2002 (2002-05-23) claims 1-24	1-36
A	WO 99 61908 A (HARVARD COLLEGE) 2 December 1999 (1999-12-02) the whole document	1-36
A	BERGWITZ C ET AL: "Whits differentially regulate colony growth and differentiation of chondrogenic rat calvaria cells" BIOCHIMICA ET BIOPHYSICA ACTA, vol. 1538, 2001, pages 129-140, XP002253312 cited in the application the whole document	1-36
A	US 6 291 240 B1 (MANSBRIDGE JONATHAN N ET AL) 18 September 2001 (2001-09-18)	
١	WO 01 35968 A (ASHKAR SAMY ; ZAWAIDEH SAMER (US); CHILDRENS MEDICAL CENTER (US)) 25 May 2001 (2001-05-25)	

-intormation	on	patent	family	members

inte one	al Application No
PCT	03/00377

	atent document d in search report		Publication date		Patent family member(s)	Publication date
US	2002061514	A1	23-05-2002	CA	2357549 A1	21-03-2002
WO	9961908	A	02-12-1999	AU WO US	4219899 A 9961908 A1 6548734 B1	13-12-1999 02-12-1999 15-04-2003
US	6291240	B1	18-09-2001	AU WO	2569599 A 9938952 A2	16-08-1999 05-08-1999
WO	0135968	Α	25-05-2001	AU WO	1618201 A 0135968 A1	30-05-2001 25-05-2001